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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 7625 (1975): Gag, Mouth, Doyen's Pattern [MHD 13:
Veterinary Hospital Planning and Surgical Instruments]

“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



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AMENDMENT NO. 1 OCTOBER 1984

TO

IS:7625-1975 SPECIFICATION FOR GAG, MOUTH,
DOYEN'S PATTERN

Alteration

(Page 2, clause 6.2) - Substitute the following
for the existing clause:

"6.2 Corrosion Resistance Test - The instrument shall
be tested in accordance with the test specified in
IS:7531-1975 'Method for boiling and autoclaving
test for corrosion resistance of stainless steel
surgical instruments'.

It shall not show any sign of corrosion after
the test."

(CPDC 13)

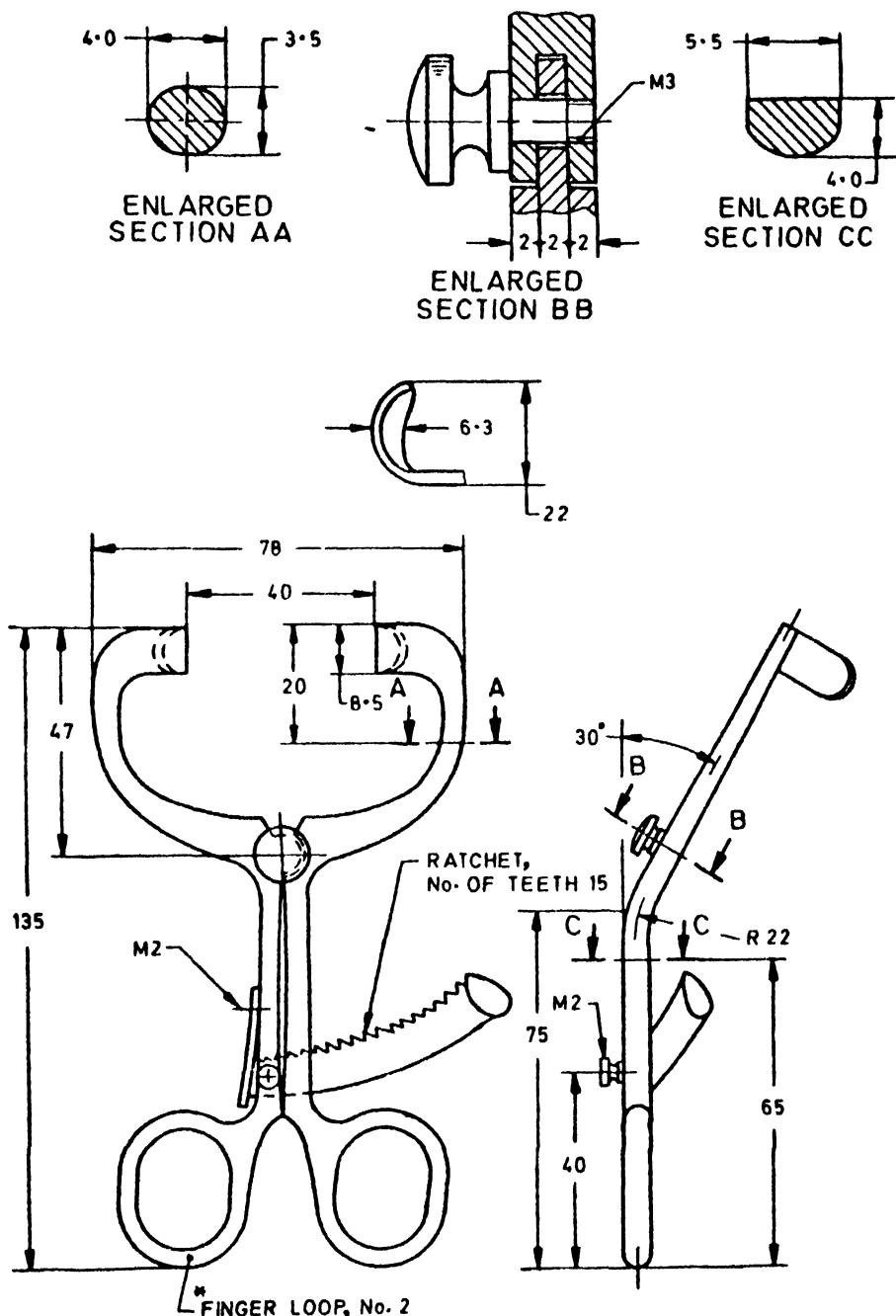
Reprography Unit, BIS, New Delhi, India

Indian Standard
SPECIFICATION FOR
GAG, MOUTH, DOYEN'S PATTERN

"प्रति १९८८"
"RE-AFFIRMED"

1. Scope — Covers dimensional and other requirements for Doyen's pattern mouth gag used in resuscitation, oral surgery and anaesthesia.

2. Shape and Dimensions As shown in Fig. 1.



* See IS : 3642-1966 General requirements for surgical instruments.

All dimensions in millimetres

FIG. 1 GAG, MOUTH, DOYEN'S PATTERN

Adopted 15 April 1975

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Gr 1

2.1 A deviation of ± 2.5 percent shall be allowed on all dimensions.

3. Material — Stainless steel bars conforming to Designation 22Cr13 or 30Cr13 of IS : 6603-1972 'Specification for stainless steel bars and flats'.

4. Workmanship and Finish

4.1 The gag shall be free from rough edges, pits, cracks, burrs, seams and other surface defects.

4.2 All edges shall be smooth and even.

4.3 The ratchet teeth shall be sharp and well formed.

4.4 The gag shall be polished bright and passivated.

5. Heat Treatment — The gag shall be hardened and tempered to give a hardness of 430 to 490 HV.

6. Tests

6.1 Flexibility Test — Lock the two arms of the gag in its fully opened position. Apply a compressive force of 400 N at the middle of finger loops. Attain the force gradually and apply for two minutes. On completion of the test, the gag shall not show any sign of damage.

6.2 Corrosion Resistance Test — Scrub the gag with soap and warm water, rinse in hot water and then dip in 95 percent ethyl alcohol. Dry the gag. Immerse in copper sulphate solution at room temperature for 6 minutes and then wash off with fresh water or wet cotton wool. The composition of the solution shall be as follows:

Copper sulphate (CuSO ₄ .5H ₂ O)	4.0 g
Sulphuric acid (H ₂ SO ₄) (sp gr 1.84)	10.0 g
Distilled water [see IS : 1070-1960 Specification for water, distilled quality (revised)]	90.0 ml

There shall be no red stains or spots on the sample but dulling of polished surface may be permitted.

7. Marking — The gag shall be marked with manufacturer's name, initials or recognized trade-mark.

7.1 Certification Marking — Details available with the Bureau of Indian Standards.

8. Packing — As agreed to between the purchaser and the manufacturer.